

SEOUENCE LISTING

<110> Bayer AG <120> ATP binding cassette genes and proteins for diagnosis and treatment of lipid disorders and inflammatory diseases <130> ATP binding cassette genes and protein <140> <141> <150> 101706 <151> 1998-09-25 <160> 54 <170> PatentIn Ver. 2.0 <210> 1 <211> 6880 <212> DNA <213> Human <220> <223> cDNA of ABCA1 (ABC1) <400> 1 caaacatgtc agctgttact ggaagtggcc tggcctctat ttatcttcct gatcctgatc 60 tetgttegge tgagetacce accetatgaa caacatgaat gecattttee aaataaagee 120 atgccctctg caggaacact teettgggtt caggggatta tetgtaatge caacaacece 180 tgtttccgtt acccgactcc tggggaggct cccggagttg ttggaaactt taacaaatcc 240 attgtggctc gcctgttctc agatgctcgg aggcttcttt tatacagcca gaaagacacc 300 agcatgaagg acatgcgcaa agttctgaga acattacagc agatcaagaa atccagctca 360 aacttgaagc ttcaagattt cctggtggac aatgaaacct tctctgggtt cctgtatcac 420 aacctctctc tcccaaagtc tactgtggac aagatgctga gggctgatgt cattctccac 480 aaggtatttt tgcaaggcta ccagttacat ttgacaagtc tgtgcaatgq atcaaaatca 540 gaagagatga ttcaacttgg tgaccaagaa gtttctgagc ttttgtggcct accaagggag 600 aaactggctg cagcagagcg agtacttcqt tccaacatqq acatcctqaa qccaatcctq 660 agaacactaa actctacatc tcccttcccq agcaaqqaqc tqqccqaaqc cacaaaaaaca 720 ttgctgcata gtcttgggac tctggcccag gagctgttca gcatgagaag ctggagtgac 780 atgogacagg aggtgatgtt totgaccaat gtgaacagot coagotooto cacccaaato 840 taccaggetg tgtctcgtat tgtctgcggg catcccgagg gaggggggct gaagatcaag 900 teteteaact ggtatgagga caacaactae aaageeetet ttggaggeaa tggeaetgag 960 gaagatgctg aaaccttcta tgacaactct acaactcctt actgcaatga tttgatgaag 1020 aatttggagt ctagtcctct ttcccgcatt atctggaaag ctctgaagcc gctgctcgtt 1080 gggaagatcc tgtatacacc tgacactcca gccacaaggc aggtcatggc tgaggtgaac 1140 aagaccttcc aggaactggc tgtgttccat gatctggaag gcatgtggga ggaactcagc 1200 cccaagatet ggacetteat ggagaacage caagaaatgg acettgteeg gatgetgttg 1260 gacagcaggg acaatgacca cttttgggaa cagcagttgg atggcttaga ttggacagcc 1320 gtgtacacct ggagagaagc tttcaacgag actaaccagg caatccqgac catatctcqc 1440 ttcatggagt gtgtcaacct gaacaaqcta gaacccataq caacaqaaqt ctqqctcatc 1500 aacaagtcca tggagctgct ggatgagagg aagttctggg ctggtattgt gttcactgga 1560 attactccag gcagcattga gctgccccat catgtcaagt acaaqatccg aatggacatt 1620 gacaatgtgg agaggacaaa taaaatcaag gatgggtact gggaccctgg tcctcgagct 1680

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85

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